

PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 : C07K 14/00, 16/18, A61K 39/00, G01N 33/574, C12N 9/02	A1	(11) International Publication Number: WO 98/42736 (43) International Publication Date: 1 October 1998 (01.10.98)
(21) International Application Number: PCT/GB98/00878		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UC, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).
(22) International Filing Date: 23 March 1998 (23.03.98)		
(30) Priority Data: 9705949.7 21 March 1997 (21.03.97) GB		
(71) Applicant (for all designated States except US): PROTEOME SCIENCES PLC [GB/GB]; Coveham House, Dowsndse Bridge Road, Cobham, Surrey KT11 3EP (GB).		
(72) Inventors; and		Published
(75) Inventors/Applicants (for US only): HOCHSTRASSER, Denis, François [CH/CH]; Chemin de la Savonniere 27, CH-1245 Collonge-Bellerive (CH). REYMOND, Marc, Andre [CH/CH]; Chemin des Coprins 3, CH-1222 Vescnaz (CH).		With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.
(74) Agent: LUCAS, Brian, Ronald; Lucas & Co., 135 Westhall Road, Warlingham, Surrey CR6 9HJ (GB).		

(54) Title: DIAGNOSIS OF COLORECTAL CANCER AND PROTEINS AND ANTIBODIES FOR USE THEREIN

(57) Abstract

Certain proteins (1A, 1B, 3A, 3B, 3C, 4A, 4B) are present in spots on 2D-PAGE run on protein extracted from epithelial colorectal tumour tissue from patients suffering from colorectal cancer, but are present at a lower intensity or absent in 2D-PAGE run on corresponding normal tissue. These proteins and antibodies thereto are useful in the diagnosis of colorectal cancer.

COLORECTAL TUMOR

